American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT
VOL. 71 For Week Ended April 20, 1990 NO. 16

SUMMARY*

(In Thousands of 42-gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 04/20/90	Last Week Ending: 04/13/90	Last Year Week Ending: 04/21/89	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	13,466	13,338	13,099	128	367
Operable capacity	15,614	15,614	15,907	0	-293
Percent operated	86.2	85.4	82.3		
Motor Gasoline					
Total motor gasoline production	7,061	6,811	6,820	250	241
Finished leaded motor gasoline production	460	387	823	73	-363
Finished unleaded motor gasoline production	6,601	6,424	5,997	177	604
Total motor gasoline stocks	221,602	222,528	222,990	-926	-1,388
Finished leaded motor gasoline stocks	12,837	12,309	30,217	528	-17,380
Finished unleaded motor gasoline stocks	168,481	168,766	153,645	-285	14,836
Jet Fuel Kerosine					
Jet fuel kerosine production	1,076	1,309	1,073	-233	3
Jet fuel kerosine stocks	42,409	41,688	38,408	721	4,001
Distillate Fuel Oil					
Distillate fuel oil production	2,960	2,737	2,747	223	213
Distillate fuel oil stocks	97,970	98,722	96,012	-752	1,958
Residual Fuel Oil					
Residual fuel oil production	927	872	999	55	-72
Residual fuel oil stocks	42,291	41,445	40,645	846	1,646
Imports					
Crude oil imports	5,605	5,942	5,735	-337	-130
Product imports	2,041	1,623	1,941	418	100
Crude Oil Stocks					
Crude oil stocks	372,916	371,700	330,672	1,216	42,244
Crude Supply Balance	780				

*See definitions on page 6.

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,182	1,069	1,07?	1,325	80.8
Appal. No. 1	93	86	86	124	69.4
DISTRICT 1 TOTAL	1,275	1,155	1,156	1,449	79.8
Ind., Ill., Ky.	2,247	2,041	2,041	2,198	92.9
Minn., Wisc., Daks.	328	312	313	337	92.9
Okla., Kans., Mo.	682	636	657	730	90.0
DISTRICT 2 TOTAL	3,257	2,989	3,011	3,265	92.2
Inland Texas	512	489	492	568	86.6
Texas Gulf Coast	3,435	3,122	3,163	3,477	91.0
La. Gulf Coast	2,518	2,309	2,355	2,938	80.2
N. La. and Ark.	204	191	192	247	77.7
New Mexico	72	65	65	76	85.5
DISTRICT 3 TOTAL	6,741	6,176	6,267	7,306	85.8
DISTRICT 4 TOTAL	431	422	427	546	78.2
DISTRICT 5 TOTAL	2,694	2,539	2,605	3,048	85.5
TOTAL U.S.	14,398	13,281	13,466	15,614	86.2
TOTAL U.S. Weeks Ended:					
APR. 13, 1990	14,285	13,183	13,338	15,614	85.4
APR. 21, 1989	13,998	13,002	13,099	15,907	82.3
DISTRICTS 1-4 Weeks Ended:					
APR. 20, 1990	11,704	10,742	10,861	12,566	86.4
APR. 13, 1990	11,576	10,519	10,629	12,566	84.6
APR. 21, 1989	11,315	10,320	10,416	12,676	82.2

API WEEKLY STATISTICAL BULLETIN

Week Ended April 20, 1990

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil
East Coast	540	--	540	8	74	271	99
Appal. No. 1	33	1	32	3	--	24	2
DISTRICT 1 TOTAL	573	1	572	11	74	295	101
Ind., Ill., Ky.	1,146	8	1,138	8	120	482	60
Minn., Wisc., Daks.	171	14	157	2	8	83	9
Okla., Kans., Mo.	378	57	321	10	28	189	5
DISTRICT 2 TOTAL	1,695	79	1,616	20	156	754	74
Inland Texas	293	36	257	33	29	114	16
Texas Gulf Coast	1,713	50	1,663	41	195	664	196
La. Gulf Coast	1,179	4	1,175	13	253	495	150
N. La. and Ark.	60	--	60	8	10	54	10
New Mexico	35	7	28	9	1	13	--
DISTRICT 3 TOTAL	3,280	97	3,183	104	488	1,340	372
DISTRICT 4 TOTAL	249	80	169	18	23	119	12
DISTRICT 5 TOTAL	1,264	203	1,061	52	335	452	368
TOTAL U.S.	7,061	460	6,601	205	1,076	2,960	927
TOTAL U.S. Weeks Ended:							
APR. 13, 1990	6,811	387	6,424	175	1,309	2,737	872
APR. 21, 1989	6,820	823	5,997	180	1,073	2,747	999
DISTRICTS 1-4 Weeks Ended:							
APR. 20, 1990	5,797	257	5,540	153	741	2,508	559
APR. 13, 1990	5,525	200	5,325	132	943	2,302	530
APR. 21, 1989	5,586	574	5,012	134	749	2,283	591

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

API WEEKLY STATISTICAL BULLETIN

Week Ended April 20, 1990

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	3,918	17	3,900	1	105	691	2,894	493	--
Central Atlantic	26,164	116	20,952	5,096	220	4,535	15,342	14,936	10,987
Lower Atlantic	29,617	70	29,012	535	533	5,605	12,378	2,945	493
DISTRICT 1 TOTAL	59,699	203	53,864	5,632	858	10,831	30,614	18,374	11,480
DISTRICT 2 TOTAL	62,137	4,164	48,334	9,639	823	9,796	30,062	3,629	15,859
DISTRICT 3 TOTAL	60,997	1,360	44,672	14,965	2,306	13,452	22,425	12,258	52,762
DISTRICT 4 TOTAL	7,589	1,741	3,636	2,212	409	889	2,959	473	2,524
DISTRICT 5 TOTAL	31,180	5,369	17,975	7,836	2,255	7,441	11,910	7,557	25,954
TOTAL U.S.	221,602	12,837	168,481	40,284	6,651	42,409	97,970	42,291	108,579
TOTAL U.S. Weeks Ended:									
APR. 13, 1990	222,528	12,309	168,766	41,453	7,684	41,688	98,722	41,445	109,250
APR. 21, 1989	222,990	30,217	153,645	39,128	6,288	38,408	96,012	40,645	111,182
DISTRICTS 1-4 Weeks Ended:									
APR. 20, 1990	190,422	7,468	150,506	32,448	4,396	34,968	86,060	34,734	82,625
APR. 13, 1990	190,223	7,361	149,787	33,075	5,548	34,415	86,548	34,103	82,731
APR. 21, 1989	196,280	24,724	139,624	31,932	4,474	32,109	84,768	31,242	85,894

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasolin

[2]Includes Grade No. 4 fuel oil.

API WEEKLY STATISTICAL BULLETIN
Week Ended April 20, 1990

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS, CRUDE OIL SUPPLY BALANCE AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy November 1989	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
APR. 20, 1990	4,525.0	4,613.0	5,264	559	290,709
APR. 13, 1990	4,525.0	--	5,784*	511	290,427
APR. 6, 1990	4,560.0	--	5,694	416	292,296
MAR. 30, 1990	4,560.0	--	5,808	567	283,998
DISTRICT 5 TOTAL					
APR. 20, 1990	2,771.0	2,906.0	341	--	82,207 #
APR. 13, 1990	2,771.0	--	158	--	81,273
APR. 6, 1990	2,828.0	--	256	--	78,590
MAR. 30, 1990	2,828.0	--	259	17	78,762
TOTAL U.S.					
APR. 20, 1990	7,296.0	7,519.0	5,605	559	372,916 #
APR. 13, 1990	7,296.0	--	5,942*	511	371,700
APR. 6, 1990	7,388.0	--	5,950	416	370,886
MAR. 30, 1990	7,388.0	--	6,067	584	362,760
APR. 21, 1989	7,755.0 a/	--	5,735	554	330,672

#INCLUDES 21,024 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

a/ DOE actual for April 1989.

DAILY AVERAGE CRUDE OIL SUPPLY BALANCE[1] (In thousands of 42-gallon barrels)

Week Ended:	Current	1989 Averages Absolute	1989 Averages Positive	1989 Averages Negative
APR. 20, 1990	780	451	493	-390

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
APR. 20, 1990	16,409	79,126	180,756	14,418	290,709	82,207 #	372,916 #
APR. 13, 1990	14,977	79,035	182,186	14,229	290,427	81,273	371,700
APR. 21, 1989	13,839	68,905	158,482	11,642	252,868	77,804	330,672

[1]See definitional notes, Page 6.

* See Revisions on Page 7.

IMPORTS OF PETROLEUM PRODUCTS
(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Gasoline[2] Blending Components	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[3]	Residual Fuel Oil	L.P.G.	Unfinished Oils	Other	Total
New England	20	--	20	--	--	22	190	63	9	--	--	304
Central Atlantic	76	--	76	21	--	26	100	360	9	57	59	708
Lower Atlantic	87	--	87	--	--	26	6	58	--	--	31	208
DISTRICT 1 TOTAL												
APR. 20, 1990	183	--	183	21	--	74	296	481	18	57	90	1,220
APR. 13, 1990	153	--	153	85	--	87	103	486	20	98	25	1,057
APR. 6, 1990	299	--	299	28	--	86	184	593	21	60	43	1,314
MAR. 30, 1990	199	--	199	23	--	139	347	365	26	61	47	1,207
DISTRICTS 2-4 TOTAL												
APR. 20, 1990	21	--	21	--	1	22	31	16	127	316	254	788
APR. 13, 1990	4	--	4	--	1	20	1	18	102	185	204	535
APR. 6, 1990	5	--	5	--	1	22	2	13	160	101	96	400
MAR. 30, 1990	5	--	5	68	1	20	3	54	79	394	196	820
DISTRICT 5 TOTAL												
APR. 20, 1990	1	--	1	--	--	5	5	10	8	--	4	33
APR. 13, 1990	1	--	1	--	--	5	2	11	10	--	2	31
APR. 6, 1990	8	--	8	--	--	6	6	58	7	--	4	89
MAR. 30, 1990	1	--	1	--	--	6	6	8	19	--	4	44
TOTAL U.S.	205	--	205	21	1	101	332	507	153	373	348	2,041
TOTAL U.S. Weeks Ended:												
APR. 13, 1990	158	--	158	85	1	112	106	515	132	283	231	1,623
APR. 6, 1990	312	--	312	28	1	114	192	664	188	161	143	1,803
MAR. 30, 1990	205	--	205	91	1	165	356	427	124	455	247	2,071
APR. 21, 1989	301	30	271	15	2	148	355	539	196	178	207	1,941

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.
[2]Gasoline blending components are not included in total motor gasoline imports.
[3]Includes Grade No. 4 fuel oil.

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included.
Reported on a Port of Entry basis.
The Total of crude oil imports includes those from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Crude Supply Balance

Crude Supply Balance is the arithmetic difference, expressed in MB/D, between those factors that make up the availability of crude oil (Supply), i.e., estimated domestic crude oil production plus imports plus or minus the change in crude oil stocks, and those factors that convert or consume crude oil (Disposition), i.e., crude oil refinery inputs, exports, product supplied (used directly as fuel) and losses. A negative volume indicates a supply greater than disposition while a positive number indicates insufficient supply to balance.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but included shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorous per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Finance, Accounting and Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE, Petroleum Supply Annual.

REVISIONS

04/13/90	PAGE 4	T	TOTAL CRUDE OIL IMPORTS	DISTRICTS 1-4 TOTAL	5,784
				TOTAL U.S.	5,942